

RECEIVED

SEP 21 2001

Page 1 of 25

OTPE JC174  
SEP 19 2001  
PATENT & TRADEMARK OFFICE

FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 5817-70

TECH CENTER 1600/2900  
Not Yet Assigned

APPLICANT  
Harrington et al.

FILING DATE  
Concurrently Herewith

GROUP  
Not Yet Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RR	AA1	5,024,939	06/18/1991	Gorman	435 -	69.1	09/25/1987
	AB1	5,272,071	12/21/1993	Chappel	435	172.3	05/28/1992
	AC1	5,547,933	08/20/1996	Lin	514	8	06/07/1995
	AD1	5,561,053	10/01/1996	Crowley	435	69.1	08/05/1994
	AE1	5,578,461	11/26/1996	Sherwin et al.	435	69.1	08/05/1993
	AF1	5,580,734	12/03/1996	Treco et al.	435	6	09/06/1994
	AG1	5,618,698	04/08/1997	Lin	435	69.4	06/06/1995
	AH1	5,621,080	04/15/1997	Lin	530	350	06/06/1995
	AI1	5,641,670	06/24/1997	Treco et al.	435	240.2	05/13/1994
	AJ1	5,677,170	10/14/1997	Devine et al.	435	320.1	03/02/1994
RR	AK1	5,683,905	11/04/1997	Capon et al.	435	320.1	05/23/1995

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RR	AL1	WO 90/14092	11/29/1990	WIPO			Yes No
	AM1	WO 91/01140	02/07/1991	WIPO			Yes No
	AN1	WO 91/06667	05/16/1991	WIPO			Yes No
	AO1	WO 92/19255	11/12/1992	WIPO			Yes No
RR	AP1	WO 92/20808	11/26/1992	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RR	AR	1	Ashe, M.P., et al., "Poly(A) site selection in the HIV-1 provirus: inhibition of promoter-proximal polyadenylation by the downstream major splice donor site," <i>Genes &amp; Develop.</i> 9:3008-3025 (1995).
	AS	1	Auch, D., and Reth, M., "Exon trap cloning: using PCR to rapidly detect and clone exons from genomic DNA fragments," <i>Nucl. Acids Res.</i> 18:6743-6744 (1990).
RR	AT	1	Avoustin, P., et al., "Non-homologous recombination within the Major Histocompatibility Complex creates a transcribed hybrid sequence," <i>Mammalian Genome</i> 5(12):771-776 (1994).

EXAMINER

DATE CONSIDERED 4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p>OTPE JC SEP 19 2001 PATENT &amp; TRADEMARK OFFICE</p>	FORM PTO-1449		ATTY. DOCKET NO. 5817-70	APPLICATION NO. 600/2900
	INFORMATION DISCLOSURE STATEMENT		TECH CENTER Assigned	
	FILING DATE Concurrently Herewith		GROUP Not Yet Assigned	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RRS	AA2	5,707,830	01/13/1998	Calos	435	69.1	04/02/1997
	AB2	5,728,551	03/17/1998	Devine et al.	435	91.41	03/02/1995
	AC2	5,733,746	03/31/1998	Treco et al.	435	69.6	03/17/1995
	AD2	5,733,761	03/31/1998	Treco et al.	435	172.3	05/26/1995
	AE2	5,783,385	07/21/1998	Treco et al.	435	6	09/06/1994
	AF2	5,789,215	08/04/1998	Berns et al.	435	172.3	08/07/1997
	AG2	5,830,698	11/03/1998	Reff et al.	435	69.1	03/14/1997
RRS	AH2	5,843,772	12/01/1998	Devine et al.	435	320.1	06/10/1996
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RRS	AL2	WO 93/09222	05/13/1993	WIPO			Yes No
	AM2	WO 94/12650	06/09/1994	WIPO			Yes No
	AN2	AU 71893/94	06/30/1994	Australia			Yes No
	AO2	FR 2 707 091	01/06/1995	France			Yes No
RR	AP2	WO 95/31560	11/23/1995	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RRS	AR	2	Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," <i>J. Virol.</i> 66(11):6763-6768 (1992).
	AS	2	Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," <i>AIDS Res. &amp; Human Retroviruses</i> 8:870 (1992).
RRS	AT	2	Brikun, I., et al., "Analysis of CRP-Cytr Interactions at the <i>Escherichia coli</i> <i>udp</i> Promoter," <i>J. Bacteriology</i> 178(6):1614-1622 (March 1996).

EXAMINER

RRS

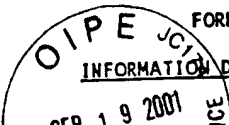
DATE CONSIDERED

4/20/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

Page 3 of 25

 FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 5817-70	SEP 21 2001 APPLICATION NO. Not Yet Assigned
	APPLICANT Harrington et al.	
	FILING DATE Concurrently Herewith	GROUP Not Yet Assigned
	TECH CENTER 1600/2900	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						Yes No
RLS	AL3	WO 96/04391	02/15/1996	WIPO		Yes No
	AM3	WO 96/29411	09/26/1996	WIPO		Yes No
	AN3	EP 0 742 285 A1	11/13/1996	Europe		Yes No
	AO3	WO 98/14614 A1	04/09/1998	WIPO		Yes No
RLS	AP3	WO 99/07389 A1	02/18/1999	WIPO		Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

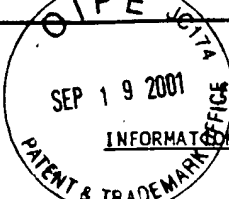
RLS	AR	3	Buckler, A.J., et al., "Exon amplification: A strategy to isolate mammalian genes based on RNA splicing," <i>Proc. Natl. Acad. Sci. USA</i> 88:4005-4009 (1991).
1	AS	3	Butturini, A., et al., "Oncogenes in Human Leukemias," <i>Acta Haematologica</i> 78(suppl. 1):2-10 (1987).
RLS	AT	3	Butturini, A., and Gale, R.P., "Oncogenes and Human Leukemias," <i>Intl. J. Cell Cloning</i> 6(1):2-24 (1988).

EXAMINER

DATE CONSIDERED

4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

	ATTY. DOCKET NO.	5817-7Q	APPLICATION NO.	Not Yet Assigned
	APPLICANT Harrington et al.			
	FILING DATE	GROUP		
Concurrently Herewith		Not Yet Assigned		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

SEP 21 2001

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RM	AL4	WO 99/15650 A1	04/01/1999	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

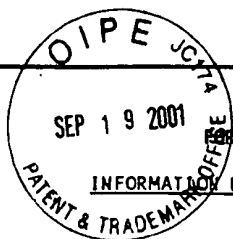
RM	AR	4	Chakraborty, A.K., et al., "Transforming function of proto-ras genes depends on heterologous promoters and is enhanced by specific point mutations," <i>Proc. Natl. Acad. Sci. USA</i> 88:2217-2221 (1991).
	AS	4	Chang, W., et al., "Enrichment of Insertional Mutants Following Retrovirus Gene Trap Selection," <i>Virology</i> 193:737-747 (1993).
RM	AT	4	Chow, W.-Y., and Berg, D.E., "Tn5tac1, a derivative of transposon Tn5 that generates conditional mutations," <i>Proc. Natl. Acad. Sci. USA</i> 85:6468-6472 (1988).

EXAMINER

RM

DATE CONSIDERED 4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

5817-70

APPLICATION NO.

Not Yet Assigned

APPLICANT

Harrington et al.

FILING DATE

Concurrently Herewith

GROUP

Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

SEP 21 2001

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RB	AR	5	Church, D.M., et al., "Isolation of genes from complex sources of mammalian genomic DNA using exon amplification," <i>Nature Genetics</i> 6:98-105 (1994).
/	AS	5	Crabb, B.S., and Cowman, A.F., "Characterization of promoters and stable transfection by homologous and nonhomologous recombination in <i>Plasmodium falciparum</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 93:7289-7294 (July 1996).
RB	AT	5	Datson, N.A., et al., "Specific isolation of 3'-terminal exons of human genes by exon trapping," <i>Nucl. Acids Res.</i> 22(20):4148-4153 (1994).

EXAMINER

RB

DATE CONSIDERED

4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

SEP 19 2001

ATTY. DOCKET NO. 5817-7Q

APPLICATION NO.  
Not Yet Assigned

APPLICANT  
Harrington et al.

FILING DATE  
Concurrently Herewith

GROUP  
Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED

SEP 21 2001

TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						Yes
						No
	AL					Yes
						No
	AM					Yes
						No
	AN					Yes
						No
	AO					Yes
						No
	AP					Yes
						No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RM	AR	6	Datson, N.A., et al., "Scanning for genes in large genomic regions: cosmid-based exon trapping of multiple exons in a single product," <i>Nucl. Acids Res.</i> 24:1105-1111 (March 1996).
1	AS	6	De Benedetti, A., and Rhoads, R.E., "A novel BK virus-based episomal vector for expression of foreign genes in mammalian cells," <i>Nucl. Acids Res.</i> 19:1925-1931 (1991).
RM	AT	6	Dickson, C., et al., "Tumorigenesis by Mouse Mammary Tumor Virus: Proviral Activation of a Cellular Gene in the Common Integration Region <i>int-2</i> ," <i>Cell</i> 37:529-536 (1984).

EXAMINER

RM

DATE CONSIDERED 4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
 INFORMATION DISCLOSURE STATEMENT

SEP 19 2001

ATTY. DOCKET NO. 5817-7Q

APPLICATION NO.  
 Not Yet Assigned

APPLICANT  
 Harrington et al.

FILING DATE  
 Concurrently Herewith

GROUP  
 Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED

SEP 21 2001

TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						Yes
						No
	AL					
	AM					Yes
						No
	AN					Yes
						No
	AO					Yes
						No
	AP					Yes
						No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

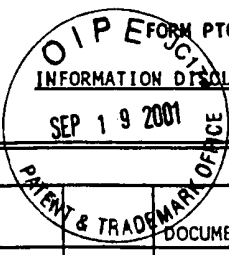
RD	AR	Z	Dostatni, N., et al., "Use of Retroviral Vectors for Mapping of Splice Sites in Cottontail Rabbit Papillomavirus," <i>J. Gen. Virol.</i> 69:3093-3100 (1988).
1	AS	Z	Duesberg, P.H., et al., "Cancer Genes by Non-Homologous Recombination," In: <i>Boundaries between Promotion and Progression during Carcinogenesis</i> , Sudilovsky, O., et al., eds., Plenum Press, New York, NY, pp. 197-211 (1991).
RD	AT	Z	Duyk, G.M., et al., "Exon trapping: A genetic screen to identify candidate transcribed sequences in cloned mammalian genomic DNA," <i>Proc. Natl. Acad. Sci. USA</i> 87:8995-8999 (1990).

EXAMINER

RD

DATE CONSIDERED 4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

				ATTY. DOCKET NO. 5817-70		APPLICATION NO. Not Yet Assigned			
				APPLICANT Harrington et al.					
				FILING DATE Concurrently Herewith		GROUP Not Yet Assigned			
				U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								
FOREIGN PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AL						Yes No		
	AM						Yes No		
	AN						Yes No		
	AO						Yes No		
	AP						Yes No		
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)									
RMS	AR	B	Frankel, W., et al., "Retroviral insertional mutagenesis of a target allele in a heterozygous murine cell line," <i>Proc. Natl. Acad. Sci. USA</i> 82:6600-6604 (1985).						
/	AS	B	Fujisawa, J.-I., et al., "Functional activation of the long terminal repeat of human T-cell leukemia virus type I by a <i>trans</i> -acting factor," <i>Proc. Natl. Acad. Sci. USA</i> 82:2277-2281 (1985).						
RMS	AT	B	Fung, Y.-K.T., et al., "Activation of the Cellular Oncogene <i>c-erbB</i> by LTR Insertion: Molecular Basis for Induction of Erythroblastosis by Avian Leukosis Virus," <i>Cell</i> 33:357-368 (1983).						
EXAMINER RMS					DATE CONSIDERED 4/20/03				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									



ATTY. DOCKET NO. 5817-7Q

APPLICATION NO.  
Not Yet Assigned
 OIP  
 FORM PTO-1449  
 INFORMATION DISCLOSURE STATEMENT

SEP 19 2001

APPLICANT  
Harrington et al.FILING DATE  
Concurrently HerewithGROUP  
Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED

SEP 21 2001

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RRS	AR	2	Goff, S.P., "Gene Isolation by Retroviral Tagging," <i>Meth. Enzymology</i> 152:469-481 (1987).
I	AS	2	Hayward, W.S., et al., "Activation of a cellular <i>onc</i> gene by promoter insertion in ALV-induced lymphoid leukemia," <i>Nature</i> 290:475-480 (1981).
RRS	AT	2	Jackson, I.J., "A reappraisal of non-consensus mRNA splice sites," <i>Nucl. Acids Res.</i> 19(14):3795-3798 (1991).

EXAMINER

RRS

DATE CONSIDERED

4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b> SEP 19 2001 U.S. PATENT & TRADEMARK OFFICE				ATTY. DOCKET NO. 5817-7Q		APPLICATION NO. Not Yet Assigned			
				APPLICANT Harrington <i>et al.</i>					
				FILING DATE Concurrently Herewith				GROUP Not Yet Assigned	
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								
FOREIGN PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AL						Yes No		
	AM						Yes No		
	AN						Yes No		
	AO						Yes No		
	AP						Yes No		
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)									
R19	AR	10	Joshi, S., "A Putative Approach for Cloning 'Silent' Genes Using Retroviral Vectors," <i>Med. Hypoth.</i> 36:242-245 (1991).						
1	AS	10	Joyner, A.L., "Gene Targeting and Gene Trap Screens Using Embryonic Stem Cells: New Approaches to Mammalian Development," <i>BioEssays</i> 13:649-656 (1991).						
R19	AT	10	Junejo, F., <i>et al.</i> , "Sequence analysis of the herpes simplex virus type 1 strain 17 variants 1704, 1705 and 1706 with respect to their origin and effect on the latency-associated transcript sequence," <i>J. Gen. Virol.</i> 72:2311-2315 (1991).						
EXAMINER <span style="float: right;">R19</span>					DATE CONSIDERED 4/20/03				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b> SEP 19 2001 OIPE PATENT & TRADEMARK OFFICE		ATTY. DOCKET NO.	5817-70	APPLICATION NO.	Not Yet Assigned
		APPLICANT			
		Harrington et al.			
		FILING DATE	Concurrently Herewith	GROUP	Not Yet Assigned

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED  
SEP 21 2001  
TECH CENTER 1600/2000

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							Yes
							No
	AL						Yes
							No
	AH						Yes
							No
	AN						Yes
							No
	AO						Yes
							No
	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RM	AR	11	King, W., et al., "Insertion Mutagenesis of Embryonal Carcinoma Cells by Retroviruses," <i>Science</i> 228:554-558 (1985).
	AS	11	Kreissig, S., et al., "Expression of peptides encoded by exons in cloned mammalian DNA," <i>Nucl. Acids Res.</i> 24:4358-4359 (November 1996).
R08	AT	11	Lemay, G., and Jolicoeur, P., "Rearrangement of a DNA sequence homologous to a cell-virus junction fragment in several Moloney murine leukemia virus-induced rat thymomas," <i>Proc. Natl. Acad. Sci. USA</i> 81:38-42 (1984).

EXAMINER

R08

DATE CONSIDERED

4/26/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

OIP FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT SEP 19 2001	ATTY. DOCKET NO. 5817-70	APPLICATION NO. Not Yet Assigned
	APPLICANT Harrington et al.	
	FILING DATE Concurrently Herewith	GROUP Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED  
SEP 21 2001  
TECH CENTER 1600/2300

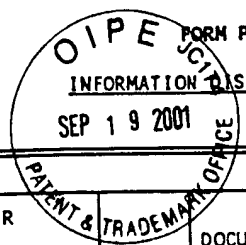
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						Yes
						No
	AL					Yes
						No
	AM					Yes
						No
	AN					Yes
						No
	AO					Yes
						No
	AP					Yes
						No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RM	AR	12	Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).
I	AS	12	Lih, C.-J., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).
RM	AT	12	Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).
EXAMINER	RM	DATE CONSIDERED	4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

 <p>FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT SEP 19 2001</p>				ATTY. DOCKET NO. 5817-70		APPLICATION NO. Not Yet Assigned	
				APPLICANT Harrington <i>et al.</i>			
				FILING DATE Concurrently Herewith		GROUP Not Yet Assigned	
				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL					Yes No	
	AM					Yes No	
	AN					Yes No	
	AO					Yes No	
	AP					Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
RNS	AR	13	Mölders, H., <i>et al.</i> , "Integration of transfected LTR sequences into the c-raf proto-oncogene: activation by promoter insertion," <i>EMBO J.</i> 4(3):693-698 (1985).				
RNS	AS	13	Moore, R., <i>et al.</i> , "Sequence, topography and protein coding potential of mouse int-2: a putative oncogene activated by mouse mammary tumour virus," <i>EMBO J.</i> 5(5):919-924 (1986).				
RNS	AT	13	Müller, R., and Müller, D., "Co-transfection of normal NIH/3T3 DNA and retroviral LTR sequences: a novel strategy for the detection of potential c-onc genes," <i>EMBO J.</i> 3(5):1121-1127 (1984).				
EXAMINER <div style="text-align: center;">RNS</div>				DATE CONSIDERED 4/20/03			
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p>							

OIPE FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT SEP 19 2001 PATENT & TRADEMARK OFFICE	ATTY. DOCKET NO. 5817-7Q	APPLICATION NO. Not Yet Assigned
	APPLICANT Harrington et al.	
	FILING DATE Concurrently Herewith	GROUP Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED  
 SEP 21 2001  
 TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						Yes
	AL					No
	AM					Yes
						No
	AN					Yes
						No
	AO					Yes
						No
	AP					Yes
						No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RAJ	AR	14	Muth, K., et al., "Disruption of Genes Regulated During Hematopoietic Differentiation of Mouse Embryonic Stem Cells," <i>Develop. Dynamics</i> 212:277-283 (June 1998).
RAJ	AS	14	Neel, B.G., et al., "Molecular Analysis of the c-myc Locus in Normal Tissue and in Avian Leukosis Virus-Induced Lymphomas," <i>J. Virol.</i> 44(1):158-166 (1982).
RAJ	AT	14	Nicolas, J.-F., and Rubenstein, J.L.R., "Retroviral Vectors," In: <i>Vectors: A Survey of Molecular Cloning Vectors and Their Uses</i> , Rodriguez, R.L., et al., eds., Butterworths Publs., Stoneham, MA, pp. 493-513 (1988).

EXAMINER

RAJ

DATE CONSIDERED

10/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 5817-7Q	APPLICATION NO. Not Yet Assigned
	APPLICANT Harrington et al.	
	FILING DATE Concurrently Herewith	GROUP Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED  
SEP 21 2001  
TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RM	AR	15	Nilsen, T.W., et al., "c-erbB Activation in ALV-Induced Erythroblastosis: Novel RNA Processing and Promoter Insertion Result in Expression of an Amino-Truncated EGF Receptor," <i>Cell</i> 41:719-726 (1985).
1	AS	15	Niwa, H., et al., "An Efficient Gene-Trap Method Using Poly A Trap Vectors and Characterization of Gene-Trap Events," <i>J. Biochem.</i> 113:343-349 (1993).
RM	AT	15	Nottenburg, C., and Varmus, H.E., "Features of the Chicken c-myc Gene That Influence the Structure of c-myc RNA in Normal Cells and Bursal Lymphomas," <i>Mol. Cell. Biol.</i> 6(8):2800-2806 (1986).

EXAMINER

DATE CONSIDERED 4/10/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT SEP 19 2001 PATENT & TRADEMARK OFFICE	ATTY. DOCKET NO. 5817-70	APPLICATION NO. Not Yet Assigned
	APPLICANT Harrington et al.	
	FILING DATE Concurrently Herewith	GROUP Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED  
 SEP 21 2001  
 TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RR	AR	16	Nouvel, P., "The mammalian genome shaping activity of reverse transcriptase," <i>Genetica</i> 93:191-201 (1994).
RR	AS	16	Nusse, R., "The activation of cellular oncogenes by retroviral insertion," <i>Trends in Genetics</i> 2:244-247 (1986).
RM	AT	16	Nusse, R., and Berns, A., "Cellular Oncogene Activation by Insertion of Retroviral DNA; Genes Identified by Provirus Tagging," In: <i>Cellular Oncogenes Activation</i> , Klein, G., ed., Marcel Dekker, Inc., New York, NY, pp. 95-119 (1988).

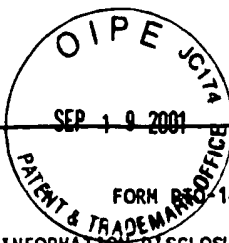
EXAMINER

DATE CONSIDERED

4/26/93

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM 200-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 5817-7Q	APPLICATION NO. Not Yet Assigned
	APPLICANT Harrington et al.	
	FILING DATE Concurrently Herewith	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED  
SEP 21 2001  
TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RR	AR	17	Payne, G.S., et al., "Multiple arrangements of viral DNA and an activated host oncogene in bursal lymphomas," <i>Nature</i> 295:209-215 (1982).
1	AS	17	Peters, G., et al., "Tumorigenesis by Mouse Mammary Tumor Virus: Evidence for a Common Region for Provirus Integration in Mammary Tumors," <i>Cell</i> 33:369-377 (1983).
RR	AT	17	Petitclerc, D., et al., "The effect of various introns and transcription terminators on the efficiency of expression vectors in various cultured cell lines and in the mammary gland of transgenic mice," <i>J. Biotechnol.</i> 40:169-178 (1995).

EXAMINER RR	DATE CONSIDERED RR
-------------	--------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT SEP 19 2007 PATENT & TRADEMARK OFFICE	ATTY. DOCKET NO.	5817-7Q	APPLICATION NO.	Not Yet Assigned
	APPLICANT Harrington et al.			
	FILING DATE	GROUP		
		Concurrently Herewith		Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED  
SEP 21 2007  
TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RNS	AR	18	Reinhart, T.A., et al., "RNA Splice Site Utilization by Simian Immunodeficiency Viruses Derived from Sooty Mangabey Monkeys," <i>Virology</i> 224:338-344 (October 1, 1996).
/	AS	18	Robinson, W.S., "Molecular Events in the Pathogenesis of Hepadnavirus-Associated Hepatocellular Carcinoma," <i>Annu. Rev. Med.</i> 45:297-323 (1994).
RNS	AT	18	Salminen, M., et al., "Efficient Poly A Trap Approach Allows the Capture of Genes Specifically Active in Differentiated Embryonic Stem Cells and in Mouse Embryos," <i>Develop. Dynamics</i> 212:326-333 (June 1998).

EXAMINER

DATE CONSIDERED

4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT SEP 19 2001 PATENT & TRADEMARK OFFICE	ATTY. DOCKET NO. 5817-7Q	APPLICATION NO. Not Yet Assigned
	APPLICANT Harrington et al.	
	FILING DATE Concurrently Herewith	GROUP Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED  
SEP 21 2001  
TECH CENTER 1800/2900

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						Yes No
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RMS	AR	19	Segal, D., et al., "Genetic Transformation of <i>Drosophila</i> Cells in Culture by P Element-Mediated Transposition," <i>Somatic Cell and Mol. Genetics</i> 22(2):159-165 (March 1996).
1	AS	19	Shen-Ong, G.L.C., et al., "Activation of the <i>c-myc</i> Locus by Viral Insertional Mutagenesis in Plasmacytoid Lymphosarcomas," <i>Science</i> 226:1077-1080 (1984).
RMS	AT	19	Shen-Ong, G.L.C., et al., "Two Modes of <i>c-myc</i> Activation in Virus-Induced Mouse Myeloid Tumors," <i>Mol. Cell. Biol.</i> 6(2):380-392 (1986).
EXAMINER	DATE CONSIDERED 4/20/03		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

5817-70

APPLICATION NO.

Not Yet Assigned

APPLICANT

Harrington et al.

FILING DATE

Concurrently Herewith

GROUP

Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED  
SEP 21 2001  
TECH CENTER 1600/2800

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

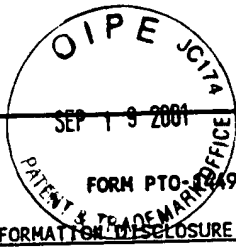
224	AR	20	Shin, S., and Steffen, D.L., "Frequent activation of the <i>lck</i> gene by promoter insertion and aberrant splicing in murine leukemia virus-induced rat lymphomas," <i>Oncogene</i> 8:141-149 (1993).
1	AS	20	Simpson, K., et al., "Stable Episomal Maintenance of Yeast Artificial Chromosomes in Human Cells," <i>Mol. Cell. Biol.</i> 16:5117-5126 (September 1996).
228	AT	20	Stary, A., and Sarasin, A., "Simian virus 40 (SV40) large T antigen-dependent amplification of an Epstein-Barr virus-SV40 hybrid shuttle vector integrated into the human HeLa cell genome," <i>J. Gen. Virol.</i> 73:1679-1685 (1992).

EXAMINER

DATE CONSIDERED

4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



ATTY. DOCKET NO. 5817-70	APPLICATION NO. Not Yet Assigned
	APPLICANT Harrington et al.
	FILING DATE Concurrently Herewith
GROUP Not Yet Assigned	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RRS	AR	21	Steffen, D., "Provirus are adjacent to c-myc in some murine leukemia virus-induced lymphomas," <i>Proc. Natl. Acad. Sci. USA</i> 81:2097-2101 (1984).
	AS	21	Sun, T.-Q., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," <i>Nature Genetics</i> 8:33-41 (1994).
RRS	AT	21	Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," <i>Int. J. Cancer</i> 48:516-522 (1991).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

SEP 19 2001

ATTY. DOCKET NO. 5817-7Q

APPLICATION NO.  
Not Yet Assigned

APPLICANT  
Harrington et al.

FILING DATE  
Concurrently Herewith

GROUP  
Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RN	AR	22	Tashiro, S., et al., "Identification of illegitimate recombination hot spot of the retinoic acid receptor alpha gene involved in 15;17 chromosomal translocation of acute promyelocytic leukemia," <i>Oncogene</i> 9:1939-1945 (1994).
1	AS	22	Tsichlis, P.N., et al., "A common region for proviral DNA integration in MoMuLV-induced rat thymic lymphomas," <i>Nature</i> 302:445-449 (1983).
RN	AT	22	Unger, R.E., et al., "Simian Immunodeficiency Virus (SIVmac) Exhibits Complex Splicing for tat. rev. and env. mRNA," <i>Virology</i> 182:177-185 (1991).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b> SEP 19 2001 U.S. PATENT & TRADEMARK OFFICE				ATTY. DOCKET NO. 5817-7Q		APPLICATION NO. Not Yet Assigned	
				APPLICANT Harrington et al.			
				FILING DATE Concurrently Herewith		GROUP Not Yet Assigned	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						Yes
						No
AL						Yes
						No
AM						Yes
						No
AN						Yes
						No
AO						Yes
						No
AP						Yes
						No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
RAS	AR	23	van Ooyen, A., and Nusse, R., "Structure and Nucleotide Sequence of the Putative Mammary Oncogene int-1; Proviral Insertions Leave the Protein-Encoding Domain Intact," <i>Cell</i> 39:233-240 (1984).
1	AS	23	Voss, A.K., et al., "Efficiency Assessment of the Gene Trap Approach," <i>Develop. Dynamics</i> 212:171-180 (June 1998).
RAC	AT	23	Westphal, E.M., et al., "A System for Shuttling 200-kb BAC/PAC Clones into Human Cells: Stable Extrachromosomal Persistence and Long-Term Ectopic Gene Activation," <i>Human Gene Ther.</i> 9:1863-1873 (September 1998).

EXAMINER <span style="float: right;">RAS</span>	DATE CONSIDERED 4/20/03
---	-------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 10px auto; display: flex; align-items: center; justify-content: center;">             SEP 19 2001              PATENT &amp; TRADEMARK OFFICE           </div>				ATTY. DOCKET NO. <b>5817-7Q</b>		APPLICATION NO. <b>Not Yet Assigned</b>	
				APPLICANT <b>Harrington et al.</b>			
				FILING DATE <b>Concurrently Herewith</b>		GROUP <b>Not Yet Assigned</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL					Yes No	
	AM					Yes No	
	AN					Yes No	
	AO					Yes No	
	AP					Yes No	
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>REL</b>	AR	<u>24</u>	Xiong, J.-W., et al., "Large-Scale Screening for Developmental Genes in Embryonic Stem Cells and Embryoid Bodies Using Retroviral Entrapment Vectors," <i>Develop. Dynamics</i> 212:181-197 (June 1998).				
	AS	<u>24</u>	Zhou, H., and Duesberg, P.H., "A retroviral promoter is sufficient to convert proto-src to a transforming gene that is distinct from the SRC gene of Rous sarcoma virus," <i>Proc. Natl. Acad. Sci. USA</i> 87:9128-9132 (1990).				
<b>REL</b>	AT	<u>24</u>	Dialog File 351, Derwent WPI English language abstract for FR 2 707 091.				
EXAMINER <b>REL</b>				DATE CONSIDERED <b>4/27/03</b>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

RECEIVED  
 SEP 21 2001  
 TECHCENTER 1600/2900



FORM PTO-1449  
 INFORMATION DISCLOSURE STATEMENT

SEP 19 2001  
 PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 5817-7Q

APPLICATION NO.  
 Not Yet Assigned

APPLICANT  
 Harrington et al.

FILING DATE  
 Concurrently Herewith

GROUP  
 Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

RECEIVED  
 SEP 21 2001  
 TECH CENTER 1600/2000

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	25	Drug Discovery News, "Lexicon Genetics, Inc.," Genetic Engin. News 19:35 (March 1999).
AS		
AT		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FEB 1 2 2001

Approved for [redacted] through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

Application Number	09/513,997
Filing Date	February 26, 2000
First Named Inventor	Harrington, John J.
Group Art Unit	1632
Examiner Name	Brunoyskis, P.
Attorney Docket Number	0221-00030

*(use as many sheets as necessary)*

Sheet	1	of	2
-------	---	----	---

[illegible][illegible]

RMR

4/20

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

no persons are required to respond

PTO/SB/08B (08-00)

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

**Complete if Known**

Application Number	09/578,997
Filing Date	February 26, 2000
First Named Inventor	Harrington, John J.
Group Art Unit	1692
Examiner Name	Brunovskis, R
Attorney Docket Number	0221-0003Q

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner  
Signature

RN

Date  
Considered

4/20/02

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number

09/513.997

Filing Date

**February 26, 2000**

**First Named Inventor**

**Harrington, John J.**

Group Art Unit

1632

Examiner Name

**Brunovskis, P.**

Attorney Docket Number

0221-0003Q

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.